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Rodney A. Korn
Appl. No. 09/476,037**Remarks**

Reconsideration of this Application is respectfully requested. Upon entry of the foregoing Amendment to the Claims, claims 9, 13-17, and 19-39 are pending in the application, of which claims 9, 16, 23, 24, 25, and 27 are independent. By the foregoing Amendment, claims 9, 13, 16, 23-25, 27-30, 33, and 38-39 are sought to be amended. No new matter is embraced by this amendment and its entry is respectfully requested. Based on the above Amendment and the remarks set forth below, it is respectfully requested that the Examiner reconsider and withdraw all outstanding rejections.

Rejection under 35 U.S.C. § 102

The Examiner, on page 4 of the Office Action, states that claims 9, 13, 16, 20-26, 27-31 and 33-39 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,367,012 to Atkinson *et al.* (hereinafter "Atkinson"). Applicant respectfully traverses this rejection. Based on the remarks set forth below, Applicant respectfully requests that this rejection be reconsidered and withdrawn.

To anticipate a claim of a pending application, a single reference must disclose each and every element of the claimed invention. *Hybritech Inc. v. Monoclonal Antibodies, Inc.*, 802 F.2d 1367, 1397 (Fed. Cir. 1986). The exclusion of a claimed element from the single source is enough to negate anticipation by that reference. *Atlas Powder Co. v. E.I. du Pont de Nemours & Co.*, 750 F.2d 1569, 1574 (Fed. Cir. 1984).

With respect to independent claims 9, 23, and 25, the Examiner states that Atkinson teaches every element of these claims. Applicant respectfully disagrees.

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Contrary to the present invention, Atkinson does not teach or suggest every element of Applicant's invention. For example, referring to independent claims 9, 23, and 25, Atkinson does not teach or suggest at least the following claimed elements:

providing a first public key corresponding to the first private key to an interface control; and

signing the interface control, wherein signing the interface control comprises encrypting the interface control using a second public encryption private key, wherein the second public encryption private key uses a second public key, the signature for the interface control for hiding the first public key provided therein, wherein the signed interface control is used to invoke the script.

Atkinson does not teach or suggest providing a first public key corresponding to the first private key to an interface control or signing the interface control. Unlike the present invention, Atkinson does not teach an interface control, and therefore cannot teach or suggest providing a first public key ... to an interface control or signing the interface control.

The Examiner states, on page 5 of the Office Action, that Atkinson shows signing the control in FIG. 4. Applicant respectfully disagrees. FIG. 4 of Atkinson represents the executable file with the publisher signature (formed from the cryptographic digest or "hash" of the executable file) appended to the executable file and a publisher digital certificate attached to the publisher signature. *Atkinson*, FIG. 4; col. 6, lines 39-41, lines 51-52; col. 6, line 66 – col. 7, line 1. The publisher digital certificate includes a public key corresponding to the private key used by the publisher to sign the file. *Atkinson*, col. 2, line 53 – col. 3, line 2; col. 7, lines 18-21. The digital certificate is encrypted with a private key corresponding to a certification agency public key. *Atkinson*, col. 3, lines 5-7; col. 7, lines 34-36. Thus, contrary to the present invention, Atkinson teaches signing the executable file, not signing an interface control as taught in the present invention.

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With respect to independent claims 16 and 24, Atkinson does not teach or suggest at least the following claimed element: verifying a public key cryptography signature associated with an interface control comprising a script. As indicated above, unlike the present invention, Atkinson does not appear to teach or suggest the use of an interface control and, therefore, cannot teach or suggest verifying a public key cryptography signature associated with an interface control comprising a script. Instead, Atkinson appears to teach verifying the executable script, not an interface control.

The Examiner, on page 6 of the Office Action, states that this feature is shown in FIG. 6 of Atkinson. Applicant respectfully disagrees. Contrary to the present invention, FIG. 6 of Atkinson illustrates the verification of an executable program file having a publisher signature (*Atkinson*, col. 7, line 51 – col. 8, line 12), not an interface control (as recited in claims 16 and 24). Thus, contrary to the present invention, Atkinson teaches verifying the signature associated with an executable file, not verifying the signature associated with an interface control as taught in the present invention.

With respect to independent claim 27, Atkinson does not teach or suggest at least the following claimed element: providing the public key A to an interface control within the web page, wherein the interface control is signed using a private key B to hide the public key A. As indicated above, unlike the present invention, Atkinson does not appear to teach the use of an interface control in a web page, and therefore cannot teach or suggest providing the public key A to an interface control within the web page, wherein the interface control is signed using a private key B to hide the public key A.

For at least these reasons, Applicant respectfully submits that Atkinson does not include each and every element of Applicant's claimed invention recited in independent

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claims 9, 16, 23, 24, 25, and 27. Therefore, independent claims 9, 16, 23, 24, 25, and 27, and the claims that depend therefrom, are patentable over Atkinson. Reconsideration and withdrawal of this rejection is respectfully requested.

Rejection under 35 U.S.C. § 103

The Examiner, on page 7 of the Office Action, states that claims 17 and 32 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,367,012 to Atkinson in view of U.S. Patent No. 6,324,650 to Ogilvie. Applicant respectfully traverses this rejection. Based on the remarks set forth below, Applicant respectfully requests that this rejection be reconsidered and withdrawn.

Claim 17 depends from independent claim 16 and is patentable over Atkinson for at least the reasons stated above. Furthermore, Ogilvie does not teach or suggest the features missing from Atkinson. Applicant therefore respectfully requests that the Examiner reconsider and withdraw the rejection of dependent claim 17.

Claim 32 depends from independent claim 27 and is patentable over Atkinson for at least the reasons stated above. Furthermore, Ogilvie does not teach or suggest the features missing from Atkinson. Applicant therefore respectfully requests that the Examiner reconsider and withdraw the rejection of dependent claim 32.

The Examiner, on page 8 of the Office Action, states that claim 19 is rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,367,012 to Atkinson in view of U.S. Patent No. 6,546,487 to McManis. Claim 19 depends from independent claim 16 and is patentable over Atkinson for at least the reasons stated above. Furthermore, McManis does not teach or suggest the features missing from

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Atkinson. Applicant therefore respectfully requests that the Examiner reconsider and withdraw the rejection of dependent claim 19.

Request for an Examiner Interview

Applicant would like to thank the Examiner for the courteous manner in which he provided the status of the present application to the Applicant's representative on September 10, 2004. At the suggestion of the Examiner, Applicant respectfully requests an Examiner Interview. Applicant respectfully requests that the Examiner contact the Applicant's representative at the number provided to formally set a date and time to conduct the interview.

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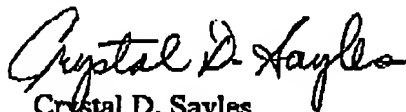
Rodney A. Korn
Appl. No. 09/476,037**Conclusion**

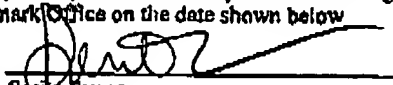
All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all currently outstanding rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Response is respectfully requested.

Respectfully submitted,

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